

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: June 3, 2005
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. Application No. (if known): 107537492
INTERNATIONAL APPLICATION NO.: PCT/JP2003/015448	INTERNATIONAL FILING DATE: December 2, 2003	PRIORITY DATE CLAIMED: December 3, 2002

TITLE OF INVENTION: **ZINC OXIDE RESISTOR AND PRODUCTION METHOD THEREOF**

APPLICANT(S) FOR DO/EO/US: **Naoki OHASHI, Hajime HANEDA, Isao SAKAGUCHI, Takeshi OHGAKI and Ken KATAOKA**

Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)):
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:

1. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO/SB/08
2. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
ASSIGNEE NAME AND ADDRESS: **NATIONAL INSTITUTE FOR MATERIALS SCIENCE, Tsukuba-shi, Japan.**
Please publish the assignee data with the application.
3. ☐ A preliminary amendment.
4. ☐ An Application Data Sheet under 37 C.F.R. 1.76
5. ☐ A substitute specification.
6. ☐ A change of power of attorney and/or address letter.
7. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
8. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
9. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
10. ☒ Other items or information: **6 sheets of Drawings.**

U.S. APPLICATION NO. (if known) 10/537492		INTERNATIONAL APPLICATION NO. PCT/JP2003/015448		DATE: June 3, 2005	
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21. <u>XX</u> The following fees are submitted:		CALCULATIONS	PTO USE ONLY
Basic National Stage Fee		\$ 300.00	
National Stage Search Fee		\$ 500.00	
National Stage Examination Fee		\$ 200.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 1,000.00	

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$ 130.00	
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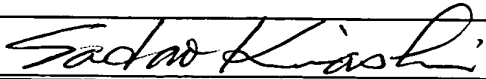
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
TOTAL	12-20 =		X \$ 50.00		
INDEPENDENT	1-3 =		X \$ 200.00		
Multiple dependent claims(s) (if applicable)			+ \$360.00		
TOTAL OF ABOVE CALCULATIONS =				\$1,130.00	
National Stage Application Size Fee-for each additional 50 sheets that exceeds 100 sheets \$ 250.00.					
Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).					
SUBTOTAL =				\$1,130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +					
TOTAL NATIONAL FEE =				\$1,130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
TOTAL FEES ENCLOSED =				\$1,130.00	
				Amount to be:	
				refunded	\$
				charged	\$

a. XX A check in the amount of \$1,130.00 to cover the above fees is enclosed. (\$300.00 for basic national stage fee; \$500.00 for national stage search fee; \$200.00 for national stage examination fee and \$130.00 for late filing of the Declaration.

b. Please charge my Deposit Account No. 50-2866 in the amount of \$ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. XX The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:	WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Connecticut Avenue, N.W. Suite 700 Washington, D.C. 20036 CUSTOMER No. 38834
Typed or Printed Name: Sadao Kinashi	
Reg. No.: 48,075	
Signature	 Date: June 3, 2005

SK/mc